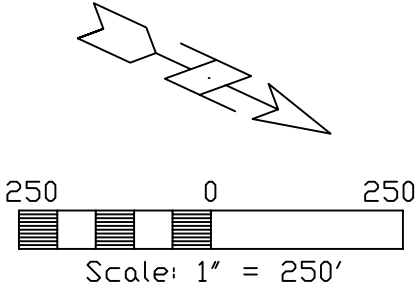


LEGEND

- LIMITS OF PROPOSED SLUDGE APPLICATION
- [Hatched Box] RESTRICTED AREAS AND/OR VEGETATIVE BUFFER ZONES - Note, woodland areas not included in this evaluation
- INDICATES DWELLING AND/OR COMMERCIAL ESTABLISHMENT WITH WELL, SEPTIC TANK & DRAINFIELD

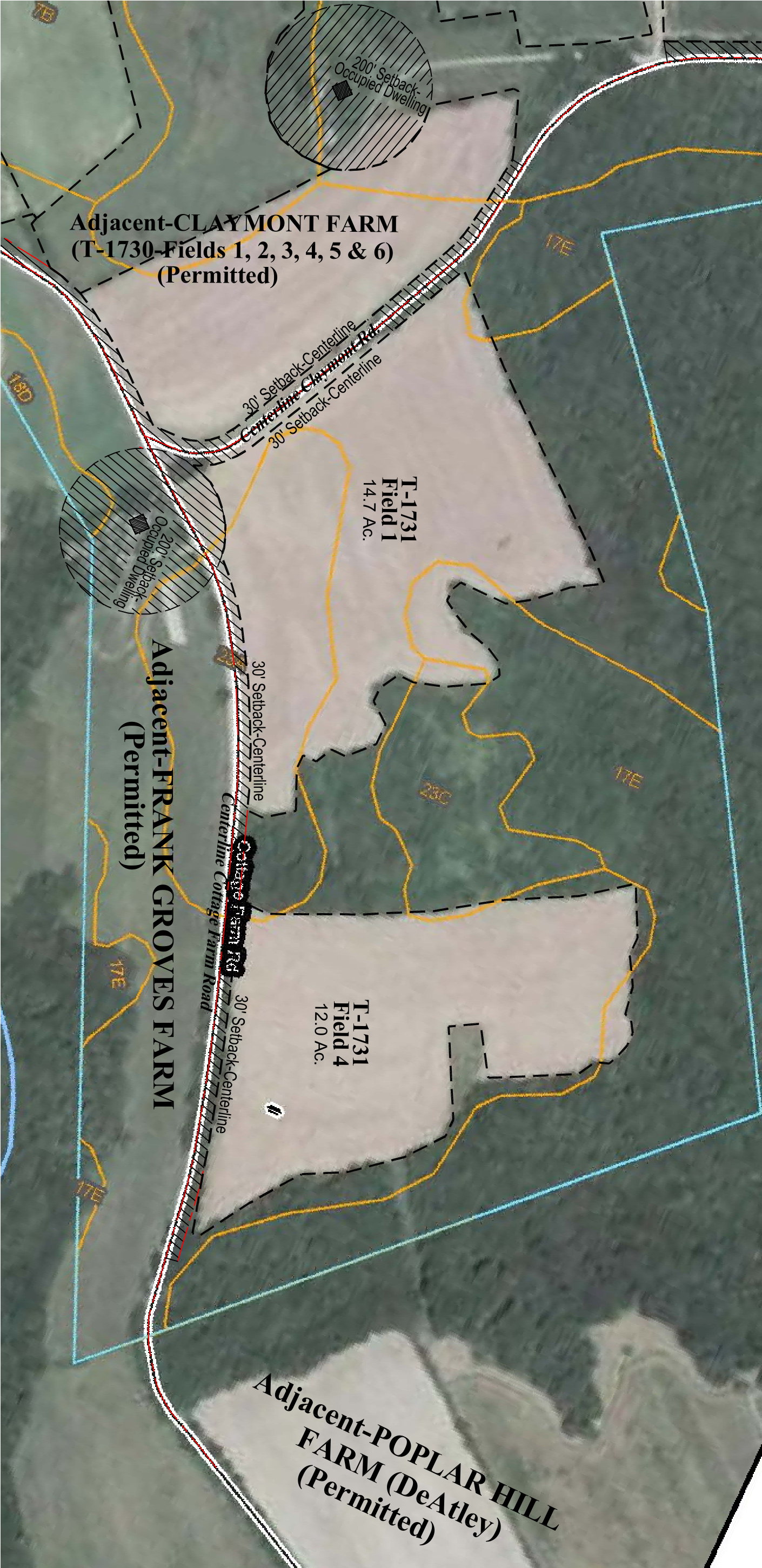
NOTES

- Information shown is U.S.G.S. Quadrangle Map or Photo enlarged to indicated scale.
- Property Boundaries, where shown, are approximate. This plan does not represent a survey of the property.



LOCATION MAP - SLUDGE APPLICATION SITES  
PARCEL T-1730 - Fields 1, 2, 3, 4, 5 & 6  
**CLAYMONT FARM**  
WESTMORELAND COUNTY, VIRGINIA  
Prepared for **CROPS, INC.**  
Date - December 15, 2009 - Fields to match FSA Designation  
**CULPEPER ENGINEERING, P.C.**  
3251 Germanna HWY, Locust Grove, VA 22508  
Phone (540) 423-9706 FAX (540) 423-1534



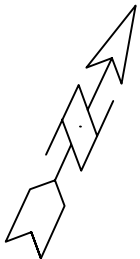
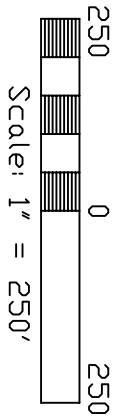


NOTES

- 1. Information shown is either County, SCS or U.S.G.S. Map/Photo enlarged to indicated scale.
- 2. Property Boundaries, where shown, are approximate. This plan does not represent a survey of the property.

LEGEND

- LIMITS OF PROPOSED SLUDGE APPLICATION
- RESTRICTED AREAS AND/OR VEGETATIVE BUFFER ZONES - Note, woodland areas not included in this evaluation
- INDICATES DWELLING AND/OR COMMERCIAL ESTABLISHMENT WITH WELL, SEPTIC TANK & DRAINFIELD



Map Unit Legend

- 2 — Bibb an Levy soils
- 7B — Kempsville loam, 2 to 6% slopes
- 17E — Runford soils, 15 to 50% slopes
- 18D — Runford & Tetotum soils, 6 to 15% slopes
- 23A — Turbeville loam, 0 to 2% slopes
- 23B — Turbeville loam, 2 to 6% slopes
- 23C — Turbeville loam, 6 to 10% slopes

SOILS MAP - SLUDGE APPLICATION SITES  
PARCEL T-1731 - Fields #1 & #4

CLAYMONT FARM

WESTMORELAND COUNTY, VIRGINIA

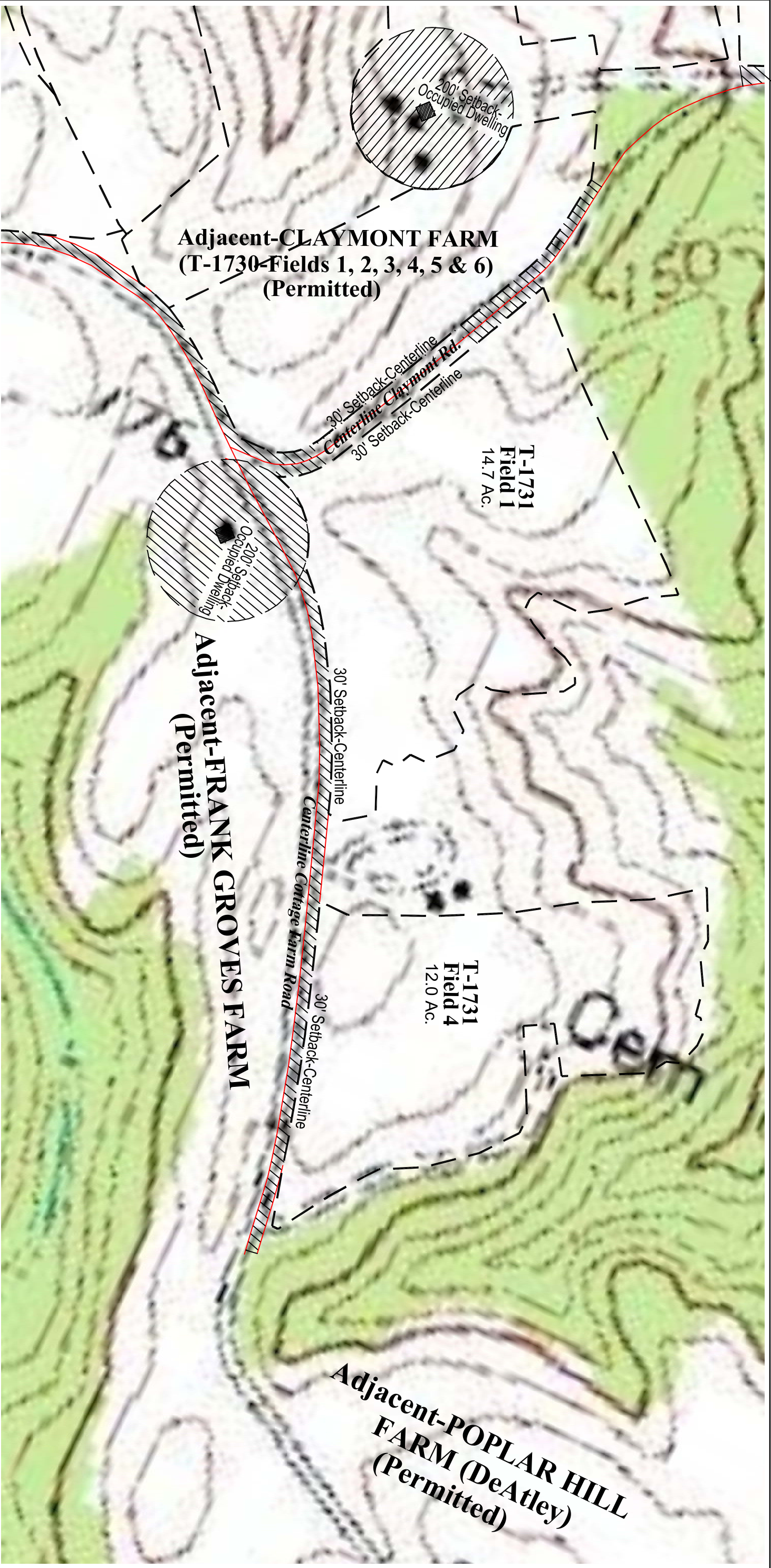
Prepared for CROPS, INC.

Date - December 15, 2009 - Fields to match FSA Designation

CULPEPER ENGINEERING, P.C.

3251 Germanna HWY, Locust Grove, VA 22508  
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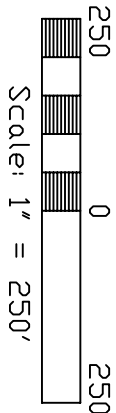
LEGEND

- LIMITS OF PROPOSED SLUDGE APPLICATION
- [Hatched Box] RESTRICTED AREAS AND/OR VEGETATIVE BUFFER ZONES - Note, woodland areas not included in this evaluation

■ INDICATES DWELLING AND/OR COMMERCIAL ESTABLISHMENT WITH WELL, SEPTIC TANK & DRAINFIELD

NOTES

1. Information shown is U.S.G.S. Quadrangle Map or Photo enlarged to indicated scale.
2. Property Boundaries, where shown, are approximate. This plan does not represent a survey of the property.



LOCATION MAP - SLUDGE APPLICATION SITES  
PARCEL T-1731 - Fields #1 & #4

CLAYMONT FARM  
WESTMORELAND COUNTY, VIRGINIA  
Prepared for CROPS, INC.

Date - December 15, 2009 - Fields to match FSA Designation  
CULPEPER ENGINEERING, P.C.  
3251 Germanna HWY, Locust Grove, VA 22508  
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**VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM  
SECTION C: LAND APPLICATION OF BULK BIOSOLIDS**

**LAND APPLICATION AGREEMENT - BIOSOLIDS**

A. This land application agreement is made on 12-19-12 between Mary F. Aylor referred to here as "Landowner", and Crops Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

**Landowner:**

The Landowner is the owner of record of the real property located in Westmoreland Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
9-24B			
9-91			
9-92			
9-93			

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one:

- ☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

3. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
4. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

The Landowner hereby grants permission to the Permittee to land apply biosolids on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of biosolids for the purpose of determining compliance with regulatory requirements applicable to such application.

MARY F. AYLOR  
Landowner - Printed Name, Title

Mary F. Aylor  
Signature

570 CLAYMONT ROAD  
COLONIAL BEACH VA 22443  
Mailing Address

**Permittee:**

Crops Inc. the Permittee, agrees to apply biosolids on the Landowner's land in the manner authorized by the VPDES Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

☐ I reviewed the documents assigning signatory authority to the person signing for landowner above. I will make a copy of this document available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Anthony D. Nelson  
Permittee - Authorized Representative  
Printed Name

Anthony D. Nelson  
Signature

10558 Kings Hwy  
KG VA  
22485  
Mailing Address



VPDES SEWAGE SLUDGE PERMIT APPLICATION FORM  
SECTION C: LAND APPLICATION OF BULK BIOSOLIDS

LAND APPLICATION AGREEMENT - BIOSOLIDS

Permittee: Crops Inc.  
Landowner: Mary F. Aylor

County or City: Westmoreland

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days,
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days;
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

X Mary F. Aylor  
Landowner's Signature

12-19-12

Date

Page 1 of 2

## LAND APPLICATION AGREEMENT - BIOSOLIDS

Permittee: Crops Inc.  
Landowner: Mary F. Ayler

## Supplement A: Additional Land Application Sites

[illegible]

MARY F. AYLER  
Landowner - Printed Name

Signature \_\_\_\_\_

Mailing Address